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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference B-0026-0000	FOR FURTHER ACTION	See item 4 below	
International application No. PCT/IL2004/001191	International filing date (day/month/year) 30 December 2004 (30.12.2004)	Priority date (day/month/year) 02 January 2004 (02.01.2004)	
International Patent Classification (8th See relevant information in Form F	n edition unless older edition indicated) PCT/ISA/237		
Applicant APPLICURE TECHNOLOGIES LT	D.		

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).			
2.	 This REPORT consists of a total of 7 sheets, including this cover sheet. In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead. 			
3.	This report contains indications	relating to the following items:		
	Box No. I	Basis of the report		
	Box No. II	Priority		
	Box No. III	No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability		
	Box No. IV	Lack of unity of invention		
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement		
	Box No. VI	Certain documents cited		
	Box No. VII	Certain defects in the international application		
	Box No. VIII	Certain observations on the international application		
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).			
		,		
		Date of issuance of this report 03 July 2006 (03.07.2006)		

Authorized officer

e-mail: pt09@wipo.int

Simin Baharlou

Facsimile No. +41 22 338 82 70 Form PCT/IB/373 (January 2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

REC'D 23 SEF 2005

NTERNATIO	ONAL SEARCH	ING AUTH	ORITY			OSIW	
To: APPELFEL 29 LILINBI	.D ZER LAW OF LUM	FICE			PCT		
TEL-AVIV	, ISRAEL 65133	3			ITTEN OPINIC		
•				INTERNATIO	NAL SEARCH	ING AUTHORITY	
					(PCT Rule 43	bis.1)	
-				Date of mailing (day/month/year)		SEP 2005	
Applicant's B-0026-000	or agent's file re	ference		FOR FURTHER	ACTION See paragraph 2 be	low	
Internation	al application No.		International filing date	(day/month/year)	Priority date (day.	/month/year)	7
PCT/IL04/0	01191		30 December 2004 (30.	12.2004)	02 January 2004 ((02.01.2004)	
Internations	al Patent Classific	ation (TPC)	or both national classificat				
IPC(7): G0	6F 11/30,9,12,14,	,15,32,173; F	104L, 9/00 and US CL: 71	3/201,164,167,187,18	39;705/58,75;709/2	24	_
Applicant		<u> </u>					
APPLICUE	RE TECHNOLOG	GIES LTD.					_
1 This s	-inion contains in	dications re	ating to the following item	us.			7
	Box No. I	Basis of th					
	Box No. II	Priority	•				1
		•	ishment of oninion with n	egard to novelty, inve	ntive step and indus	strial applicability	
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention			,				
	Box No. IV			- 1/-)/2 with monard t	o povelty inventive	eten or industrial	
	Box No. V	Reasoned applicabili	statement under Rule 43bity; citations and explanati	ons supporting such a	tatement	stop of mausicial	
	Box No. VI	Certain do	cuments cited				
	Box No. VII	Certain de	fects in the international a	pplication			
	Box No. VIII	Certain ob	servations on the internati	ional application			
2. FUR	THER ACTIO	N					
Interr	national Prelimina	ary Examini	ng Authority ("IPHA")	except that this doe n IPEA has notified t	s not apply where the International Bu	be a written opinion of the the applicant chooses an areau under Rule 66.1bis(b)	' 1
IPEA of Fo	a written reply to rm PCT/ISA/220	ogether, who	re appropriate, with amer e expiration of 22 months	iaments, betore the e	XDILATION OF 2 MOUNT	t is invited to submit to the his from the date of mailing later.	,
For fi	urther options, see	Form PCT	TSA/220.				
3. For fi	urther details, see	notes to For	m PCT/ISA/220.				
Name and	mailing address	of the ISA/	JS	Authorized office	ег		
1	Mail Stop PCT, Attn: ISA/US Commissioner for Patents			AYAZ SHEK	H		
	P.O. Box 1450			m. ///	· · · · · · · · · · · · · · · · · · ·		\rightarrow
Alexandria, Vinginia 22313-1450 Telephone No. (703) 305-3900 Facsimile No. (571) 273-8300							
Form PCT/	ISA/237 (cover s	heet) (Januar	y 2004)				

International application No.
PCT/IL04/01191

Box No. I Basis of this opinion	
was filed, unless otherwise indicated	
This opinion has been establi which is the language of a tra	ished on the basis of a translation from the original language into the following language, anslation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
With regard to any nucleotide and/ invention, this opinion has been est	for amino acid sequence disclosed in the international application and necessary to the claimed ablished on the basis of:
a. type of material	
a sequence listing	
table(s) related to the	sequence listing
b. format of material	
in written format	
in computer readable	form
c. time of filing/furnishing	
contained in internati	ional application as filed.
filed together with th	e international application in computer readable form.
furnished subsequent	ly to this Authority for the purposes of search.
as firmithed the required	t more than one version or copy of a sequence listing and/or table relating thereto has been filed statements that the information in the subsequent or additional copies is identical to that in the not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:	

Form PCT/ISA/237(Box No. I) (January 2004)

International application No. PCT/IL04/01191

Box No. V Reasoned statement under Rule applicability; citations and expla	43 bis.1(a)(i) with regard to novelty, inventive mations supporting such statement	e step or industrial
1. Statement		·
Novelty (N)	Claims NONE	
2.0.0.0.0	Claims 1-20	NO
Yearships stem (TEX	Claims NONE	YES
Inventive step (IS)	Claims 1-20) IO
	·	VICE.
Industrial applicability (IA)	Claims 1-20	YES
	Claims NONE	
2. Citations and explanations:		
Please See Continuation Sheet		
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International application No.

PCT/IL04/01191

Box No. VIII	Certain observations on the internation	onal application
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The following observations on the clarity of the claims, description, and drawings or on the questions whether the claims are fully supported by the description, are made:

Claims 7 & 17 are objected to as lacking clarity under PCT Rule 66.2(a)(v) because the claims are not fully supported by the description. The application, as originally filed, did not describe: Claims 7 and 17 recite the limitation "sign in parameters" the specification doesn't describe the details of the "session sign in parameters".

Claims 8 & 18 are objected to as lacking clarity under PCT Rule 66.2(a)(v) because the claims are not fully supported by the description. The application, as originally filed, did not describe: Claims 8 and 18 recite the limitation "initial session type parameters" the specification doesn't describe the details of the " initial session type parameters".

Form PCT/ISA/237 (Box No. VIII) (January 2004)

International application No. PCT/IL04/01191

Supplemental Box
In case the space in any of the preceding boxes is not sufficient.
Ill case the space in any of the preceding boxes is not defined as
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V. 2. Citations and Explanations: Claims 1-20 lacks novelty under PCT Article 33(2) as being anticipated by Carter et al. US 2003/0051026.

Regarding claims 1 & 11: Carter discloses a security system for preventing unauthorized processes activities within a network server environment (Page 10, Paragraph 168), wherein each process is associated to at least one identified communication session (Page 21, Paragraphs 341 & 349 / session ID) and the process authorization is determined in accordance with predefined rules (Page 26, Paragraph 393), wherein said rules refer to the properties of the identified communication session (Page 25, Paragraph 383 / Rules defining the processes access).

Regarding claims 2 & 12: Carter discloses the system of claim 1 further comprising of a filtering module installed on each server for blocking unauthorized processes activities in accordance with determined authorization (Page 36, Paragraphs 655, 657 & Page 48 Paragraph 984 / a sub-layer to block all processes associated with attacks by filtering out all IP addresses related to the process in the Process Matrix Vector).

Regarding claims 3 & 13: Carter discloses the system of claim 1 wherein the system includes at least one agent installed on one of the protected servers within the server network environment, said agent enables correlating between processes and sessions on different servers (Page 36 paragraphs 653, 656 & Page 37 Paragraphs 665, 667 & 671 / Commander, Demons, KnS, Agents and angels perform correlation and access control).

Regarding claims 4 & 14: Carter discloses thee system of claim 1 wherein for each process an identification code of the identified communication session is added to the process information vector (Page 23, Paragraph 363 / Process ID PID).

Regarding claims 5 & 15: Carter disclose the system of claim 4 wherein the identification code replaces redundant information in the process information vector (Page 21, Paragraphs 341 & 342/PID vector).

Regarding claims 6 & 16: Carter discloses the system of claim 1 wherein the processes are associated to the identified communication session by a unique process identifier (Page 21, Paragraphs 342,346).

Regarding claims 7 & 17: Carter discloses the system of claim 1 wherein the identified session properties are sign in parameters (Page 21, Paragraph 349).

Form PCT/ISA/237 (Supplemental Box) (January 2004)

International application No. PCT/IL04/01191

Supplemental Box In case the space in any of the preceding boxes is not sufficient.				
Regarding claims 8 & 18: Carter discloses the system of claim 1 wherein the identified session properties are initial session type parameters (Page 21, Paragraph 351 & Page 23 paragraph 363).				
Regarding claims 9 & 19: Carter discloses the system essession address type parameters.	of claim 1 wherein	the identified session pro	perties are hyperlink	
Regarding claims 10 & 20: Carter discloses the system of claim 6 wherein the communication session is identified according to a unique Transmission Control Protocol (TCP) port ID (Page 21 Paragraphs 349, 350& 351).				
Claims 1-20 meet the criteria set out in PCT Article 33(4) as be made or used in industry.	nd thus have industrial	applicability because the s	ubject matter claimed can	
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference B-0026-0000	FOR FURTHER ACTION	See item 4 below
International application No. PCT/IL2004/001191	International filing date (day/month/year) 30 December 2004 (30.12.2004)	Priority date (day/month/year) 02 January 2004 (02.01.2004)
International Patent Classification (8th See relevant information in Form F	n edition unless older edition indicated) PCT/ISA/237	
Applicant APPLICURE TECHNOLOGIES LT	D.	

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).				
2.	This REPORT consists of a total of 7 sheets, including this cover sheet.				
	In the attached sheets, any refeto the international preliminary	rence to the written opinion of the International Searching Authority should be read as a reference report on patentability (Chapter I) instead.			
3.	This report contains indications	s relating to the following items:			
	Box No. I	Basis of the report			
	Box No. II	Priority			
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability			
	Box No. IV	Lack of unity of invention			
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement			
	Box No. VI	Certain documents cited			
	Box No. VII	Certain defects in the international application			
	Box No. VIII	Certain observations on the international application			
4.	4. The International Bureau will communicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but not, except where the applicant makes an express request under Article 23(2), before the expiration of 30 months from the priority date (Rule 44bis.2).				
		·			
		Date of issuance of this report 03 July 2006 (03.07.2006)			

Authorized officer

e-mail: pt09@wipo.int

Simin Baharlou

Facsimile No. +41 22 338 82 70 Form PCT/IB/373 (January 2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

REC'D 23 SEF 2005

From the NTERNATION	ONAL SEARCHI	NG AUTHO	DRITY			WIFO	F
29 LILINB	D ZER LAW OF LUM , ISRAEL 65133				PCT ITTEN OPINIO ONAL SEARCH	N OF THE ING AUTHORITY	
				(PCT Rule 43 <i>b</i>	ois.1)		
·				Date of mailing (day/month/year)	21	SEP 2009	
Applicant's	or agent's file re	ference		FOR FURTHER	ACTION See paragraph 2 bel	ow	
B-0026-000			T	<u></u>			
Internation	al application No.		International filing date	(day/month/year)	Priority date (day/		İ
PCT/IL04/0	01191	ation (IPC)	30 December 2004 (30. or both national classificat	12.2004) ion and IPC	02 January 2004 (02.01.2004)	\dashv
ĺ					20.705/58 75/709/77	24	
Applicant	6F 11/30,9,12,14,	13,34,173; F	104L, 9/00 and US CL: 71	3/201,104,107,107,10	37,103/30,13,103/22	-	ヿ
APPLICUE	RE TECHNOLOG	GIES LTD.					
							\neg
1. This o	pinion contains in	dications rel	ating to the following iten	ns:			
	Box No. I	Basis of the	e opinion				
	Box No. II	Priority					
	Box No. III	Non-establ	ishment of opinion with r	egard to novelty, inve	ntive step and indus	trial applicability	ı
	Box No. IV	Lack of un	ity of invention				
	Box No. V	Reasoned applicabili	statement under Rule 43bt	s.1(a)(i) with regard to ons supporting such s	o novelty, inventive tatement	step or industrial	
	Box No. VI	Certain do	cuments cited				
	Box No. VII	Certain de	fects in the international a	pplication			
	Box No. VIII	Certain ob	servations on the internati	onal application			
2. FURTHER ACTION If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.					b)		
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220.					ie ig		
FOF I	maior options, sec						ĺ
3. For further details, see notes to Form PCT/ISA/220.							
Name and mailing address of the ISA/ US			JS	Authorized office	er		
	Mail Stop PCT, Att Commissioner for F	n: ISA/US Patents		AYAZ SHEK	<u>H</u>		_
	P.O. Box 1450 Alexandria, Virginia 22313-1450			Telephone No.	(703) 305-3900		+
Facsimile	No. (571) 273-83	300		Telephone 140.	(,05) 505-5500		
Form PCT/	ISA/237 (cover sl	heet) (Januar	y 2004)			•	

International application No.	
PCT/IL04/01191	

Box No. I Basis of this opinion				
 With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item. 				
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).			
2. With regard to any nucleotide and/or amine acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:				
a.	type of material			
	a sequence listing			
	table(s) related to the sequence listing			
ь.	. format of material			
	in written format			
	in computer readable form			
C	time of filing/furnishing			
	contained in international application as filed.			
	filed together with the international application in computer readable form.			
	furnished subsequently to this Authority for the purposes of search.			
3. 🗌	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.			
4. Ad	Iditional comments:			
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Form PCT/ISA/237(Box No. I) (January 2004)

Form PCT/ISA/237 (Box No. V) (January 2004)

International application No. PCT/IL04/01191

Box No. V Reasoned statement under Rule 43 bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1. Statement							
Novelty (N)	Claims	NONE	YES				
		1-20	2.0				
Towarding store (TO)	Claime	NONE	YES				
Inventive step (IS)	Claims						
			VEC				
Industrial applicability (IA)	Claims		_				
	Clanis	NONE					
2. Citations and explanations:							
Please Sec Continuation Sheet							
}							
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		•					

International application No.

PCT/IL04/01191

Box No.	VIII	Certain	observations	on the	international	application
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The following observations on the clarity of the claims, description, and drawings or on the questions whether the claims are fully supported by the description, are made:

Claims 7 & 17 are objected to as lacking clarity under PCT Rule 66.2(a)(v) because the claims are not fully supported by the description. The application, as originally filed, did not describe: Claims 7 and 17 recite the limitation "sign in parameters" the specification doesn't describe the details of the "session sign in parameters".

Claims 8 & 18 are objected to as lacking clarity under PCT Rule 66.2(a)(v) because the claims are not fully supported by the description. The application, as originally filed, did not describe: Claims 8 and 18 recite the limitation "initial session type parameters" the specification doesn't describe the details of the "initial session type parameters".

Form PCT/ISA/237 (Box No. VIII) (January 2004)

International application No. PCT/IL04/01191

Supplemental Box
In case the space in any of the preceding boxes is not sufficient.

V. 2. Citations and Explanations: Claims 1-20 lacks novelty under PCT Article 33(2) as being anticipated by Carter et al. US 2003/0051026.

Regarding claims 1 & 11: Carter discloses a security system for preventing unauthorized processes activities within a network server environment (Page 10, Paragraph 168), wherein each process is associated to at least one identified communication session (Page 21, Paragraphs 341 & 349 / session ID) and the process authorization is determined in accordance with predefined rules (Page 26, Paragraph 393), wherein said rules refer to the properties of the identified communication session (Page 25, Paragraph 383 / Rules defining the processes access).

Regarding claims 2 & 12: Carter discloses the system of claim 1 further comprising of a filtering module installed on each server for blocking unauthorized processes activities in accordance with determined authorization (Page 36, Paragraphs 655, 657 & Page 48 Paragraph 984 / a sub-layer to block all processes associated with attacks by filtering out all IP addresses related to the process in the Process Matrix Vector).

Regarding claims 3 & 13: Carter discloses the system of claim 1 wherein the system includes at least one agent installed on one of the protected servers within the server network environment, said agent enables correlating between processes and sessions on different servers (Page 36 paragraphs 653, 656 & Page 37 Paragraphs 665, 667 & 671 / Commander, Demons, KnS, Agents and angels perform correlation and access control).

Regarding claims 4 & 14: Carter discloses thee system of claim 1 wherein for each process an identification code of the identified communication session is added to the process information vector (Page 23, Paragraph 363 / Process ID PID).

Regarding claims 5 & 15: Carter disclose the system of claim 4 wherein the identification code replaces redundant information in the process information vector (Page 21, Paragraphs 341 & 342/PID vector).

Regarding claims 6 & 16: Carter discloses the system of claim 1 wherein the processes are associated to the identified communication session by a unique process identifier (Page 21, Paragraphs 342,346).

Regarding claims 7 & 17: Carter discloses the system of claim 1 wherein the identified session properties are sign in parameters (Page 21, Paragraph 349).

Form PCT/ISA/237 (Supplemental Box) (January 2004)

International application No. PCT/IL04/01191

Supplemental Box In case the space in any of the preceding boxes is not sufficient.						
Regarding claims 8 & 18: Carter discloses the system of claim 1 wherein the identified session properties are initial session type parameters (Page 21, Paragraph 351 & Page 23 paragraph 363).						
Regarding claims 9 & 19: Carter discloses the system of claim 1 wherein the identified session properties are hyperlink session address type parameters. Regarding claims 10 & 20: Carter discloses the system of claim 6 wherein the communication session is identified according to a unique Transmission Control Protocol (TCP) port ID (Page 21 Paragraphs 349, 350& 351).						
	ı					